

<p>98-212711/19 A14 B04 KAOS 96.06.11 KAO CORP *JP 10059851-A 96.06.11 96JP-149072 (98.03.03) A61K 31/78 // A61M 1/14, 1/36 Guanidino compound-lowering agent - comprises hydrophilic acrylic resin, for water and potassium ion adsorbent C98-067210 Addnl. Data: OTSUKA SEIYAKU KOGYO KK (SAKA) 96.09.27 96JP-256387</p>	<p>A(4-F4, 12-V1) B(4-C3B) .1</p>
<p>Guanidino cpd.-lowering agent comprising a hydrophilic acrylic resin is new. Also claimed are: (i) guanidino cpd.-lowering agent and water adsorbent contg. a hydrophilic acrylic resin; and (ii) guanidino cpd.-lowering agent and water and potassium ion adsorbent contg. a hydrophilic acrylic resin (but not potassium salt). <u>ADVANTAGE</u> Guanidino cpds., water and potassium ions accumulated in the body of a patient receiving haemodialysis are excreted by oral admin. of this agent. The time taken for haemodialysis is reduced by the use of this agent.</p>	<p><u>PREFERRED AGENT</u> Active ingredient includes a (meth)acrylic acid alkali metal salt polymer, a (meth)acrylic acid alkaline earth metal salt polymer and an auto-crosslinked acrylic acid metal salt polymer, pref. at least a part of the metal salt is calcium ion.</p> <p><u>EXAMPLE</u> Cyclohexane (1600 ml) and sorbitan monostearate (16.32 g) were heated at 75 °C under blowing N₂ gas. 80% Acrylic acid (510 g) was neutralised with 30% aq. NaOH (544 g), in which potassium persulphate (1.62 g) was dissolved. N₂ gas was blown into the soln. to remove the dissolved oxygen. The soln. was dropwise added to the flask over 1 hr. After polymerisation, the soln. was evaporated <i>in vacuo</i> and the remaining swelling polymer was dried at 80-100 °C <i>in vacuo</i> and washed with cyclohexane to give a crosslinked polymer A (saline absorbing ability: 53 g/1 g polymer). (9pp081DwgNo.0/5)</p> <p style="text-align: right;">JP 10059851-A</p>